

SUBSTITUTE FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 01-99) TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 2085.002US1 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/523425</b>
INTERNATIONAL APPLICATION NO. PCT/AU2003/000959	INTERNATIONAL FILING DATE July 30, 2003	PRIORITY DATE CLAIMED AU 2002950462 filed 7/30/2002
TITLE OF INVENTION : IMPROVED MULTI-CHANNEL GRATING DESIGN TECHNIQUE		
APPLICANT(S) FOR DO/EO/US : BURYAK, Alexander		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.	
2.		
3.	<input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). The US has been elected by the expiration of 19 months from the priority date (Article 31).	
4.		
5.	<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))	
	a. is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. is not required, as the application was filed in the United States Receiving Office (RO/US).	
6.	A translation of the International Application in to English (35 U.S.C. 371(c)(2)).	
7.	<input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).	
	a. are transmitted herewith (required only if not transmitted by the International Bureau). b. have been transmitted by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.	
8.	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9.	<input checked="" type="checkbox"/> An Unsigned oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) - (4 pgs.)	
10.	A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
<b>Items 11. to 16. below concern document(s) or information included:</b>		
11.	<input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (2 pgs.), with Form 1449 (1pg.).	
12.	An assignment document for recording (4 pgs.). A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included (1 pg.).	
13.	<input checked="" type="checkbox"/> A FIRST preliminary amendment ( 6 pages). A SECOND or SUBSEQUENT preliminary amendment.	
14.	A substitute specification ( __ pgs), with __ sheets of original drawings.	
15.	Sequence Listing ( __ pgs.); and Sequence Listing in computer readable form ( __ diskette).	
16.	<input checked="" type="checkbox"/> Other items or information: Copy of WO 2004/011980 A1) (16 pgs.) International Search Report (3 pgs.) PCT Request (4 pgs.)	
Page 1 of 2		
U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		ATTORNEY'S DOCKET NUMBER 2085.002US1
INTERNATIONAL APPLICATION NO. PCT/AU2003/000959		

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17. ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO \$1080.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO

International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
but all claims did not satisfy provisions of PCT Article 33(1)-(4)

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
and all claims satisfied provisions of PCT Article 33(1)-(4)

**ENTER APPROPRIATE BASIC FEE AMOUNT**

CALCULATIONS PTO USE ONLY

**10/523425**

DT05 Rec'd PCT/PTO 28 JAN 2005

\$ 1,080.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 ☒ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	16 - 20 =	0	X \$25.00	\$ .00
Independent claims	1 - 3 =	0	X \$100.00	\$ .00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$.00	\$

**TOTAL OF ABOVE CALCULATIONS**

\$ 2,010.00

Reduction of 2 for filing by small entity, if applicable.

\$ 605.00

**SUBTOTAL**

\$ 605.00

Processing fee of \$130.00 for furnishing the English translation later than 20 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

**TOTAL NATIONAL FEE**

\$ 605.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.

\$ .00

**TOTAL FEES**

\$ 605.00

Amount to be:	
refunded	\$
charged	\$605.00

a. Please charge Deposit Account No. 19-0743 in the amount of .00  
to cover the above fee for the Assignment Recordation.

b. ☒ Authorization to charge to Deposit Account No. 19-0743 in the amount of \$605.00 to cover the above fee for the  
filing fee. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 19-0743. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive  
(37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O.Box 2938  
Minneapolis, MN 55402

SIGNATURE

Andre L. Marais  
NAME

48,095

REGISTRATION NUMBER

10/523425

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: Buryak, Alexander

Title: IMPROVED MULTI-CHANNEL GRATING DESIGN TECHNIQUE

Attorney Docket No.: 2085.002US1

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**PATENT APPLICATION TRANSMITTAL**

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**MS PCT**

Commissioner for Patents

P. O. Box 1450

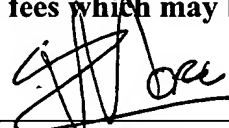
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- ☒ Return postcard.
- ☒ A Transmittal Letter to the DO/EO/US (and duplicate copy thereof) concerning a *PCT - U.S. National Stage filing under 35 U.S.C. 371*.
- ☒ Copy of: International Application PCT/AU2003/000959 as published (WO 2004/011980 A1) ( 23 pgs, including 18 claims and 7 sheets of Formal Drawings)
- ☒ Unsigned Combined Declaration and Power of Attorney (4 pgs).
- ☒ Incorporation by Reference: *The entire disclosures of the prior applications, PCT/AU2003/000959, published as (WO 2004/011980 A1 filed 7/30/2003 and AU2002950462 filed 7/30/2002, are considered as being part of the disclosure of the accompanying application and are hereby incorporated by reference therein.*
- ☒ Please charge Deposit Account No. 19-0743 in the amount of \$ 540.00 for payment of the filing fee.
- ☒ Information Disclosure Statement (2 pgs); PTO 1449 (1 pg.); 8 copies of cited art enclosed.
- ☒ Preliminary Amendment (6 pgs.)
- ☒ PCT Request (4 pgs.)
- ☒ International Search Report (3 pgs.)

**The Commissioner is authorized to charge the filing fee and any other fees which may be due, or to credit overpayments, to Deposit Account No. 19-0743.**

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By:   
Atty: Andre L. Marais  
Reg. No.: 48,095

**Customer Number 21186**"Express Mail" mailing label number: EV 402163342 USDate of Deposit: 1/28/2005

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to:  
MS PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.